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(54) Title: **METHOD OF DATA HANDLING IN A WLAN**

(57) Abstract: A method of handling data in a wireless LAN comprises contending for control of the medium using a CSMA/CA mechanism or the like. Once control has been established data is sent from the node which has established that control, to a second node. The acknowledgement of receipt issued by that second node in consequence is combined with a payload at that second node and which is intended to be sent to the first node anyway, and a single frame, with the payload piggybacked onto the acknowledgement is returned to the first node. Bidirectional transmission of combined data and acknowledgement continues in a frame bursting manner until a time limit is reached or all data has been transmitted, whereafter contention commences again.



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